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H.C. MR. HALLETT.

Borough of



Rawtenstall.

*James*

# ANNUAL REPORT

for 1935

OF THE

Medical Officer of Health

"FREE PRESS" OFFICE,  
RAWTENSTALL.



Borough of



Rawtenstall.

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# BOROUGH OF RAWTENSTALL.

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## HEALTH COMMITTEE

THE MAYOR (Alderman Carrie Whitehead, J.P., C.C.)  
( *Ex-officio* ).

*Chairman* Councillor W. HARDMAN, J.P.

*Vice-Chairman* : Alderman A. CURLEY.

Alderman G. H. BATEMAN.

Councillor J. BARRITT, J.P.

„ J. HAMER.

„ Mrs. M. M. HOLLAND.

„ J. HOLT.

„ R. HOWORTH.

„ F. HOYLE.

„ J. McCLAY.

„ J. R. SLATER.

„ J. TURNER (Deceased).

## MATERNITY AND CHILD WELFARE COMMITTEE

### Co-opted Members.

Mrs. D. ASPIN.

„ H. BROCKLEHURST.

„ E. CRABTREE.

„ M. HOLT.

„ A. RAWLINSON.

„ M. ROBINSON.

## STAFF.

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*Medical Officer of Health :*

K. KNIGHT WOOD, M.B., CH.B., M.R.C.S., D.P.H.

*Consulting Orthopædic Surgeon :*

\* S. M. MILNER, F.R.C.S., M.A., M.B.

*Consulting Nose and Throat Surgeon :*

\* PHILIP A. HARRY, M.D., CH.B., D.P.H.

*Consultant for Puerperal Fever and Pyrexia :*

\* A. CALLAM, D.S.O., M.D., F.R.C.S.E.

*Consulting Obstetrician :*

\* ROBERT NEWTON, M.D., M.C.O.G.

*Dental Surgeons .*

\* J. MIDGLEY, L.D.S., VIC.

\* J. CROPPER, L.D.S., VIC.

*Chief Sanitary Inspector :*

W. E. HOYLE, M.R.S.I.,  
(*Certified Food Inspector*).

*Sanitary Inspector :*

L. T. SIMPSON, CERT. S.I.B.

*Veterinary Inspector :*

\* JOSEPH BIRTWISTLE, M.R.C.V.S.

(Resigned Sept., 1935).

\* J. HOLROYD, F.R.C.V.S., D.V.S.M. (VICT.).

(Commenced Sept., 1935).

*Health Visitors :*

Miss E. PORTER,

Miss G. E. GRAY, (Resigned, April, 1935).

Miss E. M. EASTWOOD, (Commenced, May, 1935).

Miss E. POPE, (Commenced, May, 1935).

*Clerks :*

R. HAWORTH; A. HALLIWELL;

Miss R. WATTS.

*Hospital Caretaker and Disinfector :* A. HEAP.

\* Part Time.

# Annual Report for 1935.

To the Chairman and Members of the  
Health Committee.

LADIES AND GENTLEMEN,

I have the honour to submit to you my Third Annual Report, for the year ending December 31st, 1935.

The Population of the Borough at the Census 1931 was 28,575. The population as estimated by the Registrar General at the mid-year 1935, for the purposes of calculating local statistics, was 27,940.

The birth-rate was 9.8 For England and Wales was 14.7, and for the 140 Smaller Towns was 14.8 per 1,000 population. The adjusted death-rate for Rawtenstall was 13.2 per 1,000. The birth-rate shows a marked fall from last year, when the rate of 12.7.

There has been no large epidemic of notifiable infectious disease.

There has again been a considerable increase in the Maternity and Child Welfare work. The percentage of notified live births who attended at the Child Welfare Centres during the year was 82.9%.

This report contains the results of the first year's working of the Antenatal Clinic. This is held weekly. The number of expectant mothers who attended the Clinic was 23.5%. There have been no maternal deaths this year.

The infantile mortality rate was 50 per 1,000 births. This figure is lower than last year when it was 78, and is lower than the figure for England and Wales, which is 57.

On the Sanitary side, considerable work has been expended in housing inspections and the Slum Clearance Programme is proceeding. More houses are urgently required to re-house those dealt with under the five years' programme.

The Health Department has moved to Spring Garden Chambers, Kay Street, and a Central Clinic has been opened in the same building. These healthier conditions are much appreciated by those who have to work in them and by the patients attending for treatment. The Orthopædic Clinic, School Minor Ailment Clinic, a Child Welfare Centre and Ante-natal Clinic are now held in these premises.

I wish to tender my thanks to the Staff of the Health Department for the loyalty and energy with which they have carried out their duties during the year.

To you, Mr. Chairman, Ladies and Gentlemen, I once again wish to express my appreciation of the help and encouragement given to me during the year.

I am,

Ladies and Gentlemen,

Your obedient Servant,

K. KNIGHT WOOD,  
Medical Officer of Health.

Health Department,  
Spring Garden Chambers,  
Rawtenstall.



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## SECTION A.

### STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area (acres) .....	9,528
Population (Census 1931) .....	28,575
Estimated Population (1935) .....	28,020
No. of Inhabited Houses (1931) .....	8,079
No. of Separate Families (Census 1931) .....	8,095
Rateable Value .....	£148,404
Sum represented by a 1d. Rate .....	£575

Dairy and poultry farming is carried on in all parts, but the Borough is an industrial one, the chief trades in order of importance being Cotton Weaving and Spinning, Slipper Manufacturing, Felt and Woollen Manufacturing, Cotton Printing and Cotton Dyeing, Cotton Waste Bleaching, Coal Mining and Stone Quarrying.

### Vital Statistics for the year 1935.

		Total	M.	F.
Live Births	{ Legitimate .....	263	140	123
	{ Illegitimate .....	12	5	7
	{ Total .....	275	145	130

Birth-rate per 1,000 of the estimated  
resident population .....9.8

Stillbirths ..... 22                      11                      11

Rate per 1,000 Total (live and still)  
Births .....74

Deaths ..... 369                      178                      191

\*Crude Death-rate per 1,000 of the  
estimated resident population..13.2

Deaths from Puerperal causes—

	Deaths.	Death-rate per 1,000 Total (live and still) Births
Puerperal sepsis .....	Nil	
Other puerperal causes ..	Nil	
Total .....	Nil	Nil

Death-rate of Infants under one year of age:—

All infants per 1,000 live births ..... 50

Legitimate infants per 1,000 legitimate live births ..... 49

Illegitimate infants per 1,000 illegitimate live births ..... 83

Deaths from Measles (all ages) ..... Nil

„ „ Whooping Cough (all ages) ..... Nil

„ „ Diarrhoea (under 2 years of age) ..... Nil

\* 1935 adjusted death-rate (comparability factor 1.01) = 13.3 per 1,000.

	Per 1,000 of Population.				Maternal Mortality Rate.		Rate of Deaths under One Year per 1,000 Live Births.
	Live Birth-rate	Crude Death-rate	Death-rate from Tuberculosis of Respiratory System	Death-rate from Cancer	Per 1,000 Live Births.	Per 1,000, Total (live and still) Births.	
Borough of Rawtenstall. (Population 27,940).							
Mean of 5 years 1930-1934 .....	11.6	13.3	0.44	1.62	8.33	7.84	66
Year							
1934 .....	12.7	*12.3	0.35	1.46	2.80	2.71	78
<b>1935</b> .....	<b>9.8</b>	<b>*13.2</b>	<b>0.53</b>	<b>1.93</b>	<b>Nil</b>	<b>Nil</b>	<b>50</b>
Increase or Decrease in 1935 on Five Years' Average 1930-1934...	-1.8	-0.1	+0.09	+0.31	-8.33	-7.84	-16
Previous Year .....	-2.9	+0.9	+0.18	+0.47	-2.80	-2.71	-28

The maternal mortality rates for England and Wales are as follows: { per 1,000 Live Births ... } Total.

\* See footnote Page 8. { " " Total Births ... } 4.10

Puerperal Sepsis. Others. 2.42 3.93

CAUSES OF DEATH							MALES	FEMALES
ALL CAUSES... ..							178	191
1	Typhoid and paratyphoid fevers ...						...	...
2	Measles ... ..						...	...
3	Scarlet fever ... ..						...	...
4	Whooping cough ... ..						...	...
5	Diphtheria ... ..						1	1
6	Influenza... ..						5	5
7	Encephalitis lethargica ... ..						...	1
8	Cerebro-spinal fever ... ..						...	...
9	Tuberculosis of respiratory system...						10	5
10	Other tuberculous diseases ... ..						2	...
11	Syphilis... ..						...	...
12	General paralysis of the insane, tabes dorsalis ... ..						1	...
13	Cancer, malignant disease... ..						27	27
14	Diabetes... ..						2	2
15	Cerebral hæmorrhage, &c. ... ..						14	18
16	Heart disease ... ..						44	63
17	Aneurysm ... ..						1	...
18	Other circulatory diseases ... ..						9	7
19	Bronchitis ... ..						3	4
20	Pneumonia (all forms) ... ..						6	8
21	Other respiratory diseases ... ..						1	1
22	Peptic ulcer ... ..						3	1
23	Diarrhœa, &c. (under 2 years) ... ..						...	...
24	Appendicitis... ..						3	...
25	Cirrhosis of liver... ..						...	...
26	Other diseases of liver, etc. ... ..						2	2
27	Other digestive diseases ... ..						4	1
28	Acute and chronic nephritis ... ..						8	14
29	Puerperal sepsis ... ..						...	...
30	Other puerperal causes ... ..						...	...
31	Congenital debility, premature birth, malformations, etc.... ..						9	1
32	Senility ... ..						5	10
33	Suicide ... ..						2	5
34	Other violence ... ..						3	4
35	Other defined diseases... ..						12	11
36	Causes ill-defined or unknown ... ..						1	...
Deaths of Infants under 1 year :								
Total ... ..							10	4
Illegitimate ... ..							...	1
LIVE BIRTHS :								
Total ... ..							145	130
Legitimate ... ..							140	123
Illegitimate ... ..							5	7
STILLBIRTHS :								
Total ... ..							11	11
Illegitimate ... ..							...	...
POPULATION :								
For Births and Deaths ... ..							27,940	



TABLE OF BIRTH-RATES, DEATH-RATES AND ANALYSIS OF MORTALITY IN THE  
YEAR, 1935.

England and Wales, 121 County Boroughs and Great Towns, and 140 Smaller Towns.

(Provisional figures. The rates for England and Wales and for London have been calculated on a population estimated to the middle of 1935, but those for the towns have been calculated on populations estimated to the middle of 1934.)

	Rate per 1000 Total Population		Annual Death-rate per 1,000 Population.								Rate per 1,000 Live Births.		
	Live Births	Still- Births	All Causes	Typh'd & Para Typh'd Fevers	Small-pox	Measles	Scarlet Fever	Whooping Cough	Diphtheria	Influenza	Violence	Diarrhoea and Enteritis (under 2 years)	Total Deaths under One Year
England and Wales ...	14.7	0.62	11.7	0.00	—	0.03	0.01	0.04	0.08	0.18	0.52	5.7	57
121 County Boroughs and Great Towns, including London ...	14.8	0.68	11.8	0.00	—	0.04	0.01	0.04	0.09	0.16	0.45	7.9	62
140 Smaller Towns (Estimated Resident Populations 25,000 to 50,000 at Census 1931) London ...	14.8 13.3	0.64 0.52	11.2 11.4	0.00 0.00	— —	0.03 0.00	0.01 0.01	0.03 0.04	0.07 0.04	0.17 0.11	0.41 0.51	3.8 11.2	55 58
Rawtenstall, estimated popu- lation, 27,940 ...	9.8	0.78	13.2	0.00	—	0.00	0.00	0.00	0.07	0.33	0.50	0.00	50

TABLE OF NOTIFICATION RATES, DEATH-RATES AND ANALYSIS OF MATERNAL MORTALITY IN THE YEAR, 1935.

England andWales, 121 County Boroughs and Great Towns, and 140 Smaller Towns.

(Provisional figures. The rates for England and Wales and for London have been calculated on a population estimated to the middle of 1935, but those for the towns have been calculated on populations estimated to the middle of 1934.)

	Annual Notification Rate per 1000 Population						Maternal Mortality Per 1000 Live Births Per 1000 Total Births						Notification Rates Per 1000 Total Births.	
	Smallpox	Scarlet Fever	Diphtheria	Enteric Fever	Erysipelas	Pneumonia	Puerperal Sepsis	Others	Total	Puerperal Sepsis	Others	Total	Puerperal Fever	Puerperal Pyrexia
England and Wales	—	2.96	1.60	0.04	0.42	1.15	1.68	2.42	4.10	1.61	2.32	3.93	3.60	9.44
121 County Boroughs and Great Towns, including London	—	3.19	1.96	0.04	0.48	1.36							4.55	11.14
140 Smaller Towns (Estimated Resident Populations 25,000 to 50,000 at Census 1931)	—	2.75	1.34	0.06	0.37	0.98		Not available					2.76	8.25
London	—	2.64	2.25	0.05	0.45	0.89							4.32	11.89
Rawtenstall, estimated popu- lation 27,940	—	0.57	0.53	0.00	0.57	1.68	0.00	0.00	0.00	0.00	0.00	0.00	3.63	7.27

## Vital Statistics.

THE MORTALITY.—The number of deaths registered in the Borough in 1935 was 369; but 151 of these were of non-residents which took place in Moorlands Infirmary, and there were 42 deaths of persons belonging to the Borough in public institutions elsewhere.

The net number of deaths belonging to the Borough was 260 (Males 135; Females 125) as compared with 345 in 1934; 389 in 1933; 377 in 1932; 388 in 1931; 409 in 1930; 458 in 1929; 387 in 1928; 378 in 1927; 393 in 1926; 389 in 1925; 426 in 1924.

The numbers who died in the various age groups were as follows :—

Year	Under 1 Year	1 and under 2	2 and under 5	5 and under 15	15 and under 25	25 and under 45	45 and under 65	65 up
<b>1935</b>	<b>15</b>	—	<b>3</b>	<b>4</b>	<b>9</b>	<b>37</b>	<b>106</b>	<b>195</b>
1934	28	2	2	13	11	23	108	158
1933	16	2	5	12	10	46	110	188
1932	20	3	5	7	9	32	95	206
1931	18	4	3	6	16	37	108	196
1930	29	6	4	12	19	47	106	186
1929	29	6	6	9	20	45	127	205

The estimated population in 1935 was 27,940 compared with 28,020 in 1934; 28,130 in 1933; 28,500 in 1932; 28,890 in 1931; 28,660 in 1930; 28,660 in 1929; 28,990 in 1928.

The 1935 adjusted death-rate (comparability factor 1.01) = 13.3 per 1000.

The adjusted death-rate was 13.3 per 1,000 per annum in 1935 as compared with 12.4 in 1934; 13.8 in 1933; 13.2 in 1932; 13.4 in 1931; 14.2 in 1930; 15.9 in 1929; 13.3 in 1928; 13.0 in 1927; 13.6 in 1926; 13.0 in 1925; 14.5 in 1924.

BIRTH-RATE.—The total number of births belonging to the Borough was 275 (Males 145; Females 130) as compared with 357 in 1934; 283 in 1933; 316 in 1932; 367 in 1931; 343 in 1930; 397 in 1929; 366 in 1928; 411 in 1927; 422 in 1926; 433 in 1925; and 480 in 1924.

The birth-rate was 9.8 as compared with 12.7 in 1934; 10.0 in 1933; 11.0 in 1932; 12.7 in 1931; 11.9 in 1930; 13.8 in 1929; 12.6 in 1928; 14.2 in 1927; 14.6 in 1926; 14.9 in 1925; and 16.4 in 1924.

INFANTILE MORTALITY.—Fifteen deaths of infants took place compared with 28 in 1934; 16 in 1933; 20 in 1932; 18 in 1931; 29 in 1930; 39 in 1929; 26 in 1928; 24 in 1927; 36 in 1926; 38 in 1925; and 50 in 1924.

The death-rate per 1,000 births was 50 compared with 78 in 1934; 56 in 1933; 63 in 1932; 49 in 1931; 84 in 1930; 95 in 1929; 70 in 1928; 58 in 1927; 83 in 1926; 87 in 1925; and 104 in 1924.

Twenty-two Still-births were notified, seventeen of these belonged to the Borough.



The following table shows the causes of Infantile death during 1935 and the four preceding years.

Cause of Death.	1931	1932	1933	1934	1935
Bronchitis .....	1	1	—	1	1
Pneumonia .....	2	3	—	2	2
Other Respiratory Diseases .....	—	—	—	—	—
Measles .....	—	—	—	1	—
Whooping Cough ...	—	—	—	—	—
Diarrhoea .....	2	—	—	—	—
Convulsions .....	—	2	—	—	—
Premature Birth ...	5	3	8	15	4
Congenital Debility	5	4	4	2	1
Wasting Diseases ...	—	—	1	2	1
Other Causes .....	—	—	—	1	—
Congen'l Deformities	3	3	3	2	2
Difficult Birth .....	—	3	—	—	1
Tubercular Meningitis.....	—	—	—	—	—
Non-Tubercular Meningitis.....	—	—	—	—	1
Other.....	—	1	—	2	2
<b>TOTALS .....</b>	<b>18</b>	<b>20</b>	<b>16</b>	<b>28</b>	<b>15</b>

## SECTION B.

### General Provision of Health Services for the Area.

STAFF.—A list of the Public Health Officers is given at the commencement of this report. During the year a consultant Obstetrician, an additional Sanitary Inspector and an additional Health Visitor have been appointed. Other changes in the personnel are shown in the list mentioned above.

LABORATORY FACILITIES.—The Public Health Laboratory, Manchester, undertakes Bacteriological and Chemical Examinations for the Borough.

During the year the following examinations have been made:

	Positive.	Negative.	Total.
Throat Swab for Diphtheria ...	3	16	19
Nose Swab for Diphtheria ...	—	1	1
Widal Reaction .....	—	—	—
Milk for T.B. ....	—	4	4
Bacteriological Examinations of Milk .....			19
Milk Sediment Tests .....			19
Bacteriological Examination of Water .....			1
Examination of Fæces .....			—
Smear for Gonococcal .....			1
			—
	Total.....		64
			—

## Ambulance Facilities.

### (I) FOR INFECTIOUS CASES.

- (a) Cases are removed to THE FLORENCE NIGHTINGALE HOSPITAL, BURY, by the BURY AND DISTRICT JOINT HOSPITAL BOARD'S MOTOR AMBULANCE.
- (b) Cases are removed to MONSALL FEVER HOSPITAL, MANCHESTER, by the MOTOR AMBULANCE of the MONSALL FEVER HOSPITAL.
- (c) Cases of Smallpox are removed to the BOROUGH ISOLATION HOSPITAL in a horse drawn vehicle owned by the Corporation.

### (II) FOR NON-INFECTIOUS AND ACCIDENT CASES.

The Corporation owns 3 Motor Ambulances, which are housed at the Fire Station, Rawtenstall, and are free to ratepayers for journeys up to 20 miles on presentation of a Doctor's Certificate in case of illness or a call by some responsible person in case of accident.

These ambulances are also used for the removal of patients from Hospitals outside the Borough to their homes in the Borough in cases where the Hospital authority certifies as to the need for the Ambulance.

NO. OF CASES REMOVED BY RAWTENSTALL  
AMBULANCES.

1931	1932	1933	1934	1935
589	746	885	995	1154

It is to be noted that the use of the ambulances has grown so rapidly in the past few years, that it is felt that there is a tendency to use them for all cases rather than for those that really require them. It is to be hoped that the General Practitioners and the public will co-operate so that the ambulances will not be used for patients who can quite as well travel by 'bus or other means.

## AMBULANCE REMOVALS.

DESTINATION.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Manchester To ...	27	21	29	18	34	24	26	17	25	25	25	20	291
From...	14	7	18	18	16	13	18	7	16	11	15	15	168
Bury ... To ...	35	33	27	13	23	13	17	14	16	38	30	18	277
From ...	8	14	8	16	5	9	9	9	10	7	18	6	119
Haslingden ... To ...	8	8	7	7	14	7	7	5	9	13	10	5	100
From ...	...	...	...	...	...	...	3	...	1	1	3	...	8
Locals ... To...	...	2	2	...	5	1	...	3	...	1	...	2	16
From...	...	...	...	...	...	...	...	1	...	...	...	...	1
Moorlands ... To...	13	10	...	6	1	7	6	6	7	2	10	8	76
From ...	...	...	1	2	...	2	1	1	1	1	1	1	11
Rochdale ... To ...	1	3	3	2	3	...	...	1	...	1	...	...	14
From...	2	...	...	...	...	...	...	...	...	1	...	...	3
Blackburn ... To ...	...	3	1	...	...	2	...	...	...	2	...	...	8
From...	2	...	...	1	...	1	...	...	...	...	...	...	4
Burnley ... To...	1	4	...	1	5	...	...	1	3	2	...	...	17
From...	1	2	1	3	1	...	1	1	1	2	1	...	14
Accrington ... To ...	...	...	...	...	...	...	...	1	...	1	...	...	2
From ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lancaster ... To...	...	...	...	...	...	...	...	...	...	...	...	...	...
From...	...	...	...	...	...	1	...	...	...	...	...	...	1
Harrogate ... To...	...	1	...	...	...	...	...	...	...	...	...	...	1
From...	...	...	...	...	...	...	...	...	...	...	...	...	...
Southport ... To...	...	...	...	...	...	...	...	3	...	...	...	...	3
From...	...	...	...	...	...	...	...	...	...	...	...	...	...
Liverpool To...	...	...	...	...	...	...	1	...	...	...	...	...	1
From...	...	...	...	...	...	...	...	...	...	...	...	...	...
Whittingham ... To .	...	...	1	...	1	...	...	...	...	1	...	...	3
From...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bacup ... To ...	...	...	...	...	...	...	...	...	2	4	1	...	7
From...	...	...	...	...	...	...	...	...	...	...	...	...	...
Oldham ... To..	...	...	...	...	...	...	1	...	...	...	...	...	1
From...	...	...	...	...	...	...	...	1	...	...	...	...	1
Blackpool ... To...	...	...	...	1	...	1	...	...	...	...	...	...	2
From...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ashton-u-Lyne To...	...	...	...	...	...	2	...	1	...	2	...	...	5
From...	...	...	...	...	...	...	...	...	...	...	...	...	...
	...	...	...	...	...	...	...	...	...	...	...	...	...
	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals.....	112	108	98	88	108	83	90	72	91	115	114	75	1154
Mileage... ..	1981	1970	2175	1857	2407	1909	2902	1619	1832	2368	2143	1633	24796

Date Removals Mileage

1913	65	—
1914	112	4491
1915	148	4972
1916	127	4553
1917	137	4318
1918	122	4294
1919	137	4188
1920	207	6953
1921	174	5322
1922	217	7438
1923	297	9418
1924	492	9000

Date Removals Mileage

1925	600	11501
1926	458	15551
1927	413	12866
1928	537	13892
1929	538	14483
1930	640	16436
1931	589	16164
1932	746	15580
1933	885	19745
1934	995	21615
1935	1154	24796



# CLINICS AND TREATMENT CENTRES.

Name.	Where held.	Time.	By whom provided.
MATERNITY AND CHILD WELFARE CENTRES.	C.W. Centre, Kay Street.	Tuesday, 2-30 to 4-30 p.m.	Rawtenstall Corporation
	C.W. Centre, Peel Street, Cloughfold.	Tuesday.	
	Goodshaw Baptist School, Crawshawbooth.	2-30 p.m. to 4 p.m. Wednesday.	
	Whitewell Bottom Council School.	2-30 p.m. to 4 p.m. Thursday.	
	Clinic, 6, Kay Street.	2-30 p.m. to 4 p.m. Friday, 2 p.m.	
ANTENATAL CLINIC.			
SCHOOL CLINICS. Minor Ailments.	School Clinic, 6, Kay St.	Daily.	Rawtenstall Education Committee.
	Goodshaw Baptist School.	9-30 a.m. to 11 a.m. Wednesday.	
Inspection Clinic.		9 a.m. to 10 a.m.	"
	Whitewell Bottom Council School.	Thursday.	
	School Clinic, 6, Kay St.	9-30 a.m. to 10 a.m. Tuesday.	
		9-30 a.m.	
Dental Clinic.	Dental Clinic, Cloughfold.	Daily.	"
Ophthalmic and Throat Clinic.		10 a.m. to 12 a.m.	
	School Clinic, 6, Kay St.	Monday, 2 p.m. to 4 p.m. (as required).	"
ORTHOPÆDIC CLINIC.		Wednesday.	
	Clinic, 6, Kay Street.	10-30 a.m. to 12 a.m. (Surgeon attends 4th Wednesday).	Lancashire C. C. and Rawtenstall Corporation.
TUBERCULOSIS CLINIC.		Monday.	
	Knott Hill House, Stacksteads.	12-30 p.m. to 2-30 p.m.	Lancashire C. C.
VENEREAL DISEASES CLINIC.		Males, Tues. 8-30 p.m.; Fri. 6-30 p.m.; Sat. 10 a.m.	
	The Wylde, Bury.	Females, Tues. 6 30 p.m.; Thu. 2 p.m.; Fri. 8-30 p.m.	" "

PROFESSIONAL NURSING IN THE HOME.—There are four Nursing Societies in the Borough supported by voluntary contributions, grants from the Rawtenstall Workpeople's Hospital Fund, and subsidised by the Corporation in the shape of a payment of 4d. a visit for every visit made to—

- (a) Confinements,
- (b) Illness after Confinement,
- (c) Illness of Children under 5 years of age.

These societies employ five qualified nurses, three of whom are certified midwives. The areas they serve cover the whole Borough, and the services of the nurses are available for any case if there is a doctor in attendance.

The following table gives the number and nature of the visits subsidised by the Corporation.

#### VISITS BY NURSING SOCIETIES.

Visiting Society	Children under 5.		After Confinements.		Confinements.	
	Cases.	Visits.	Cases.	Visits.	Cases.	Visits.
Newchurch .....	3	84	—	—	—	—
	4	35	1	15	—	—
	5	79	—	—	—	—
	5	77	1	23	—	—
	17	275	2	38	—	—
Waterfoot .....	4	59	—	—	—	—
	1	17	—	—	—	—
	1	10	—	—	—	—
	9	101	1	25	—	—
	15	187	1	25	—	—
Rawtenstall .....	8	72	2	31	14	173
	5	43	—	—	7	105
	8	57	—	—	14	218
	7	82	—	—	17	234
	28	254	2	31	52	730
Crawshawbooth	—	—	—	—	9	144
	3	59	—	—	8	102
	4	146	—	—	7	113
	3	41	—	—	7	135
	10	246	—	—	31	494

GENERAL HOSPITAL TREATMENT.—Is available at many of the voluntary hospitals in Manchester and Bury, and these Hospitals are subsidised by a Workpeople's Hospital Fund.

The Local Authority has arrangements for the admission of patients with the following hospitals:—

St. Mary's Hospital, Manchester	Complicated Midwifery.
Manchester Royal Eye Hospital.	Ophthalmia Neonatorum.
Monsall Hospital, Manchester.	Puerperal Fever.
Bury Infirmary.	Phimosis, &c.
Moorlands Hospital, Rawtenstall.	Maternity cases and children under 5 years of age.
Florence Nightingale Hospital, Bury.	Infectious Diseases.
Manchester Royal Skin Hospital.	X Ray Treatment of Ring-worm.

## Maternity and Child Welfare.

MIDWIVES.—The Local Authority does not employ practising midwives and the only subsidy is the payment mentioned above to those Nursing Societies which have midwives on their staff.

The number of midwives practising in the area is eight, who are resident within the Borough.

ANTE-NATAL CLINICS.—A weekly Ante-natal Clinic has been held at 6, Kay Street, throughout the year. The clinic has now been equipped so that this important work may be carried out in a satisfactory manner.

Patients are seen by the Medical Officer of Health who has the assistance of Dr. Robert Newton as Consulting Obstetrician. Dr. Newton attends on the third Friday of each alternate month, but his services may also be obtained by any Registered Medical Practitioner in the borough in case he requires a consultant for abnormal or difficult midwifery cases.



As in previous years ante-natal cases are also seen at the Child Welfare Centres.

Facilities for X Ray examinations are provided at the Haslingden Massage Centre and Bacteriological examinations facilities are available at the Public Health Laboratory, Manchester, as required.

During the year 71 expectant mothers attended at the Clinics, making 225 attendances. The Health Visitors paid 288 visits to 148 expectant mothers during the year.

A Special Report with reference to Maternal Mortality was submitted to the Maternity and Child Welfare Committee by the Medical Officer of Health.

### **Institutional Provision for Mothers or Children.**

MATERNITY.—MOORLANDS HOSPITAL. There have been no alterations made in the arrangements with the Moorlands Maternity Home from those described in last year's report. During the fifteen years they have been in force, the numbers of mothers belonging to Rawtenstall who have been confined there are as follows:—

4 in 1921; 7 in 1922; 6 in 1923; 31 in 1924; 57 in 1925; 38 in 1926; 33 in 1927; 52 in 1928; 82 in 1929; 97 in 1930; 110 in 1931; 96 in 1932; 104 in 1933; 129 in 1934, and 109 in 1935.

Thirty-four of the one hundred and nine cases received assistance under the Maternity and Child Welfare Scheme.

ST. MARY'S HOSPITAL, MANCHESTER.—There have been no alterations made in the arrangements with St. Mary's Hospital for the admission of abnormal confinements.

During 1935 fifteen maternity cases were admitted to St. Mary's Hospital under this arrangement.

CHILDREN.—Admission of children to Moorlands Infirmary has continued where necessary. There has been no alteration in procedure.



This arrangement came into being in 1921, when 3 cases were admitted; in 1922, 1 case; in 1923, 1 case; in 1924, 4 cases; in 1925, 2 cases; in 1926, 3 cases; in 1927, 4 cases; in 1928, 4 cases; in 1929, 8 cases; in 1930, 6 cases; in 1931, 5 cases; in 1932, 5 cases; in 1933, 1 case; in 1934, 7 cases, and in 1935, 5 cases.

The Workpeople's Hospital Fund provided treatment for 30 children under 5 years of age, 14 as in-patients and 16 as out-patients at Hospitals in Burnley, Bury and Manchester.

PHIMOSIS, &c.—Operations for the cure of Phimosi, etc., are dealt with at The Infirmary, Bury, and the cost of the recommends is borne by the Maternity and Child Welfare Committee.

During 1935 15 cases of Phimosi were treated under these arrangements.

TONSILS AND ADENOIDS.—Twelve infants or children under 5 years of age received treatment by operation for removal of enlarged tonsils and adenoids under the Maternity and Child Welfare Scheme. The arrangements have been the same as those described in previous reports.

DECAYED TEETH.—Sixteen children below school age were referred, under the Maternity and Child Welfare Scheme, to the School Dental Clinic, where they received treatment.

DEFECTIVE VISION.—Seven children below school age were referred, under the Maternity and Child Welfare Scheme, for examination by the Ophthalmic Surgeon at the School Clinic. One case of cataract has been operated upon by the Ophthalmic Surgeon.

CHILD WELFARE CENTRES.—The attendances at the Child Welfare Centres continue to increase in number. The Centres are now held weekly. This gives much more constant supervision and the increase again this year in attendances, 695 more attendances than last year, demonstrates the mothers' opinion of the improved services.

The following table shows the number of attendances of breast and bottle fed infants under one year of age, and also the number of attendances of other children under five years of age at each Centre during 1934 and 1935 compared with the average of the previous five years.

Year.	Clinic.	Under 1 year		1 and under 2	2 and under 3	3 and under 4	4 and under 5	Total attendance	No. of Births belonging to Boro'
		Breast	Bottle						
1935	Cloughfold	837	813	300	222	187	161	2520	302
	C'booth	387	522	281	198	175	135	1698	
	W'bottom	556	400	276	169	143	123	1667	
1934	Cloughfold	808	535	330	207	223	208	2311	380
	C'booth	714	333	230	161	163	140	1341	
	W'bottom	663	375	217	98	124	61	1538	
Five Years Average (1929-1933)	Cloughfold	343	256	223	131	112	63	1128	342
	C'booth	100	99	84	54	44	29	410	
	W'bottom	111	95	74	32	28	17	357	

(A) Total number of attendances at all Centres

during .....	1934.	1935.
(i) By children under 1 year of age .....	3,028	3,515
(ii) By children between the ages 1 & 5 yrs.	2,162	2,370

(B) Total number of children who attended at the Centres for the first time during the year and who, on the date of their first attendance, were:—

(i) Under 1 year of age .....	241	233
(ii) Between 1 and 5 years .....	52	155

(C) Total number of children who attended at the Centres during the year and, at the end of the year, were:—

(i) Under 1 year of age .....	196	171
(ii) Between the ages of 1 and 5 years .....	532	561

Percentage of notified live births represented by the number in (B) (i) ..... 64.9% 82.9%

I would like to take this opportunity of thanking those ladies who have attended monthly at the Child Welfare Centres and assisted with cutting out of patterns, and also other ladies for the work that they have done for the Orthopædic Clinic and Child Welfare Centres by providing garments and otherwise assisting.

### Home Visits by Health Visitors.

The following table shows the number and nature of home visits made by the Health Visitors during the year.

No. of Visits to Mothers where births have occurred, advice given where necessary as to care and feeding.....	267
No. of Visits to Children under One Year .....	1719
Visits to Children, One to Five Years .....	2448
Infant Deaths inquired into .....	7
Still Births inquired into .....	7
Visits to Ante-Natal Cases .....	288
Visits to Cases of suspected Ophthalmia Neonatorum .....	31
Visits to Mothers in Receipt of Milk .....	10
No. of Cases of Infectious Diseases (Aged 0—5) visited...	25
Other Visits .....	46
	<hr/>
Total.....	4858
	<hr/>

INFANT LIFE PROTECTION (under Part I of the Children's Act, 1908, as amended by the Children and Young Persons Act, 1932).

There were four children at the year end on the register.

SUPPLY OF NOURISHMENTS.—The following food, etc., was supplied to necessitous families, and in other cases sold at cost price:—

Virol .....	158 lbs.
Cod Liver Oil .....	22 $\frac{3}{4}$ pints
Cod Liver Oil Emulsion (8oz. bottles) ....	81
Cod Liver Oil and Malt .....	107 lbs.
Lactogal .....	6 tins
Milk .....	6,794 pints
Dried Milk Foods .....	901 lbs.

ORTHOPÆDIC TREATMENT.—The only change in the arrangements from those described in last year's report is the transfer of the Clinic from Cloughfold to the Kay Street Clinic.

Twenty-eight children under 5 years of age belonging to this Borough have attended the Clinic during the year, as shown in the following table. Three cases were admitted to Biddulph Orthopædic Hospital in 1935.



# RAWTENSTALL ORTHOPÆDIC CLINIC.

Child Welfare Return. Year ending 31st December, 1935.  
List of Rawtenstall Children under School age, who attended the  
Clinic during the year.

Sex	Age	Diagnosis	Times attended on Surgeons Day	Times attended ordinary Clinic
M.	3	Infantile Hemiplegia—Rt.	2	7
F.	4	Genu Valgum .....	1	—
M.	2	Congenital Deformity of Fingers and Toes .....	1	—
F.	2½	Genu Varum .....	2	—
F.	2	Genu Varum .....	1	—
M.	3	Valgus Feet .....	2	—
M.	4	Genu Valgum .....	2	1
M.	3	Genu Valgum .....	2	—
F.	4	Metatarsus Varus .....	1	—
M.	4	Genu Valgum .....	1	—
F.	1	Nodule in Palm of Hand	2	—
†M	5 mths	T.E. Varus Rt. Calcane- out Valgus—Left .....	5	16
M.	4	Genu Valgum .....	—	1
F.	3	Curling Toes .....	1	1
M.	3	Genu Valgum .....	1	1
F.	4	Valgus Ankles .....	1	—
F.	4	Injury to Rt. Great Toe...	1	—
F.	1	Genu Varum .....	1	4
M.	3	Genu Varum—Active Ric- kets .....	2	—
M.	13 mths	Genu Varum .....	2	2
†M	2	Torticollis .....	1	—
F.	4	Genu Valgum .....	3	—
M.	2	Genu Varum .....	1	1
M.	3	Genu Varum .....	2	1
†M	3	Injury to Flexor Tendon —Rt. Index Finger .....	1	—
M.	3	Genu Valgum .....	1	—
F.	1	Mild O.C.T. ....	1	1
M.	3	Genu Varum .....	2	1

\* Recommended Biddulph.

† Admitted Biddulph.

Details of Orthopædic cases amongst children of school age  
are given in the School Medical Officer's report. Forty cases  
attended the Clinic.

HEALTH EDUCATION.—Health propaganda has been continued this year by the use of the E.M.B. sites, handbills and other posters.

A health lecture delivered by Dr. Harley Williams was attended by all the Senior Scholars, and this lecturer has also given a public lecture on Tuberculosis—its prevention and cure.

Use has also been made of demonstrations arranged by the Dental Board and the Milk Publicity Council.

The use of the cinema with suitable films was introduced at a child welfare centre.

A course of lectures on the Care and Management of the Child has been given by the M.O.H. at the Alder Grange Evening Institute. Continuance of these lectures has been asked for during next session.

## SECTION C.

### Sanitary Circumstances of the Area.

(i) WATER.—The rainfall in 1935 was 53.73 inches compared with 47.57 inches in 1934; 37.03 in 1933; 47.02 in 1932; 58.73 in 1931; 57.22 in 1930; 51.01 in 1929; 59.42 in 1928; and 57.57 in 1927.

The approximate number of dwelling-houses supplied by the Irwell Valley Water Board in the Borough is 6,140.

The approximate number of dwelling-houses with private water supplies is 1,934. These are chiefly from springs and storage cisterns.

(ii) CLOSET ACCOMMODATION.—The conversion of pail closets to the water carriage system is being carried out where possible, but there are in the Borough 490, many in isolated positions on farms and cottages on the hills, for which no sewer is available. There are 3,763 fresh water closets and

3,745 waste water closets. During the year 6 pail closets have been converted to fresh water closets. The number of privy middens is 21. The number of waste water closets converted to fresh water closets has been 8.

It will be seen from the above figures that there are still many houses which have not their own sanitary arrangements and have to join with those of their neighbours. Most of these houses are back to back in type.

(iii) PUBLIC CLEANSING.—The collection of refuse is undertaken with four S.D. Motor Freighters, one of these being a combined refuse and excreta collection waggon. During the year one new S.D. Refuse Freighter has been purchased. Seventeen men and one foreman are employed. Refuse is disposed of by a system of "controlled tipping" at a central tip. Excreta is shot into the Haslingden Shute. Details of refuse collection are given in the following table.

## REFUSE COLLECTION BY S. D. FREIGHTERS (4).

Number of Loads .....	Loads.					
	T.	c.	q.	£	s.	d.
Tons of Refuse Removed .....	8792	2	0			
Nett Cost—Haulage .....				1781	19	5
Nett Cost—Loading .....				1450	2	1
NETT COST PER TON .....				0	7	4 $\frac{1}{4}$
Gross Cost—Haulage (including breakdowns, cleaning and holidays) .....				1843	17	9
Gross Cost—Loading (including holidays) .....				1619	7	11
GROSS COST PER TON .....				0	7	10 $\frac{1}{2}$
Weight per house per annum based on 8079 houses .....	1	1	3			
Cost per house per annum based on gross expenditure .....				0	8	6 $\frac{3}{4}$
Weight per 1,000 of population based on population of 28,365 ...	313	15	3			
Cost per 1,000 population per annum .....				123	12	0
REFUSE DISPOSAL.						
Tons of Refuse .....	8792	2	0			
Total Cost .....				579	7	6
COST PER TON .....				0	1	3 $\frac{3}{4}$
TOTAL COST PER TON—COLLECTION and DISPOSAL .....				0	9	2 $\frac{1}{4}$

COMPARISON WITH MINISTRY OF HEALTH  
REPORT 1934-35.

The above report compares favourably with the Ministry of Health report on the cost of Refuse Collection for the year 1933-34. The following extracts are taken from Tables I and II. Page 7.

	MINISTRY			RAWTENSTALL		
Average weight per 1,000 of population per annum .....	T.	c.	q.	T.	c.	q.
Total cost per ton of Collection and Disposal including all charges ...	246	7	2	313	18	0
		s.	d.		s.	d.
		12	5		9	2 $\frac{1}{4}$
	(Income deducted)			(Income not deducted)		

## EXCRETA COLLECTION BY S. D. FREIGHTER.

	Loads.	£	s.	d.
Number of Loads .....	205			
Cost of Haulage .....		158	0	7
Cost of Loading .....		121	4	4
Use of Haslingden Shate .....		6	0	0
COST PER LOAD .....		1	7	10



## (iv) SANITARY INSPECTION OF THE AREA.

I am indebted to Mr. W. E. Hoyle, the Senior Sanitary Inspector, for the following figures :—

## SANITARY INSPECTOR'S REPORT.

## PARTICULARS SUBMITTED TO THE HEALTH COMMITTEE, 1935.

Nuisances brought before the Health Committee .....	595
Representing Houses .....	670
,, Other Premises .....	7
Nuisances Abated .....	562
Notices Served—Nuisances :—	
Informal .....	588
Interviews .....	85
Statutory .....	None
Legal Proceedings .....	None

One notice was served during the year for the conversion of Pail Closets under the Rawtenstall Corporation Act, 1907.

## WORK ACCOMPLISHED DURING THE YEAR.

Closets Released .....	232
,, Repaired .....	16
,, Buildings Repaired .....	32
,, Tippers Replaced or Repaired .....	63
Drains Released or Repaired .....	68
Soil Pipes Repaired .....	8
Dust Bins Supplied .....	79
Ashpits Abolished .....	5
Eavestroughs and Downspouts Repaired .....	90
House Walls Pointed or Treated for Dampness .....	71
,, Floors Repaired .....	12
,, Roofs Repaired .....	22
,, Wall Plaster, Repaired or Replaced .....	11
Accumulations of Manure Removed .....	4
House Windows Repaired or Made to Open for Ventilation	55
House Skylights Repaired .....	8

Outbuildings Repaired .....	5
Fire-ranges, Chimneys, Etc., Repaired .....	21
Water Pipes Repaired or Replaced .....	2
Water Supply Provided to Dwellings .....	2
Yard Surfaces Repaired .....	7
Premises Cleansed .....	5
Other Defects Remedied .....	8

COMMON LODGING HOUSES.—There is one Common Lodging House in the Borough.

HOUSES LET IN LODGINGS.—There is one house in the Borough taking weekly lodgers.

#### SMOKE ABATEMENT.

No. of observations .....	22
Legal proceedings .....	None
Time limit allowed for emission of Black Smoke per hour..	6 Mins.
(As adjusted by Bye-law approved 30th Dec., 1930).	

The number of factory chimneys in the Borough is 71; only 45 of these are in use. In seven of the 22 observations black smoke was emitted for more than 6 minutes per hour.

DAIRIES, COWKEEPERS AND MILK SELLERS.—The total number of cowkeepers in the Borough is 119, the number on the registers being 119. During the year 282 inspections have been made. The approximate number of cows in the district is 1,300.

There are 29 Dairymen, or Milk Purveyors, and all are on the register.

Nineteen samples of milk have been taken for Bacteriological purposes, 19 for Sediment Tests and 4 for Tubercle Bacilli.

FARMS.—During the year 19 farms have voluntarily been improved. Six farms have been made to comply with order voluntarily and on 13 other farms some repairs have been carried out. The stock farms have also been voluntarily altered

during the year. Seventy-seven notices have been served, requiring structural alterations or improvements to farm buildings. Seven notices have been complied with during the year.

MARINE STORE DEALERS.—Within the Borough there are two Marine Store dealers, and visits are made regularly.

CATTLE SALE YARDS AND AUCTION MARTS.—Within the Borough there are two of the above premises. Dairy and Fat Stock are sold.

DISINFECTION.—The following disinfection was carried out during the year :—

Clothing, Beddings, etc. ....	737 articles.
Bedding, etc., destroyed .....	144 lots.
Rooms disinfected .....	111
Schools disinfected .....	1
Houses disinfected .....	65
Houses disinfected (with Cyanide) .....	25

OFFENSIVE TRADES.—There are 3 Tripe Boilers and 1 Gut Scraper.

SANITARY ADMINISTRATION.—Below are set out particulars of bins, ashpits, etc., in the Borough :—

No. of privy middens .....	21
No. of closets attached to these middens .....	21
No. of pail closets .....	490
No. of dry ashpits (exclusive of middens) .....	238
No. of fresh water closets .....	3763
No. of waste water closets .....	3745
No. of portable receptacles for refuse .....	6948

		During Year 1935.	During five years 1930-1934.
No. of Privy Closets	{ To Fresh W.C's.	—	—
	{ To Waste W.C's.	—	—
	{ To Pails, etc.	—	—
No. Pail Closets	{ To Fresh W.C's.	6	32
	{ To Waste W.C's.	—	7
No. of Waste W.C's. to Fresh W.C's.		8	49
No. of Houses at which Movable Ash- bins have been substituted for fixed receptacles .....		12	356

OUTWORKERS.—During the year returns were received from various mills employing Outworkers. The total number of Outworkers was four; they were engaged in the Slipper Trades.



## Factories, Workshops and Workplaces.

### 1.—INSPECTION OF FACTORIES, WORKSHOPS AND WORKPLACES.

Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

Premises.	Number of		
	Inspections	Written Notices. Interviews	Occupiers prosecuted
Factories ... .. (including Factory Laundries)	21	10	...
Workshops ... .. (including Workshop Laund's)	173	...	...
Workplaces ... .. (other than Outworkers' premises)	..	...	...
Total ... ..	194	10	...

### 2.—DEFECTS FOUND IN FACTORIES, WORKSHOPS AND WORKPLACES.

Particulars.	Number of Defects.			Number of offences in respect to which Prosecutions were instituted.
	Found.	Remedied.	Referred to H.M. Inspector.	
Nuisances under the Public Health Acts:—*				
Want of cleanliness	2	2	...	...
Sanitary accommodation:—				
Insufficient .....	1	1	...	...
Unsuitable or defective .....	7	3	...	...
Not separate for sexes .....	...	...	...	...
Other nuisances ...	...	...	...	...
Total ... ..	10	6	...	...

\* Including those specified in sections 2, 3, 7 and 8 of the Factory and Workshop Act, 1901, as remediable under the Public Health Acts.

VISITS UNDER THE SHOPS ACT, 1934.	
First visits .....	85
Subsequent visits .....	5
	——
Total.....	90
	——

The provision of a rest room was provided in five cases where previously none had existed.

(v) SCHOOLS.—The sanitary condition of the schools is dealt with in my School Medical Report. The general health of the children is satisfactory.

There were 6 cases of Scarlet Fever and 7 cases of Diphtheria among children of school age during 1935.

CLOSURE OF SCHOOLS.—No schools were closed on account of infectious disease during 1935.

**SECTION D.**

**Housing Conditions.**

GENERAL OBSERVATIONS AS TO HOUSING CONDITIONS. According to the 1931 Census returns there were 8,079 structurally separate dwellings occupied in the Borough. The average number of persons per room was 0.86. It is estimated that there are 2,057 occupied back-to-back houses and 134 occupied cellar dwellings or basement tenements. Of these 114 are combined living and sleeping rooms.

1. Inspection of dwelling-houses during the year :—

- (1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) ..... 777
- (b) Number of inspections made for the purpose 2803

(2) (a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 .....	107
(b) Number of inspections made for the purpose .....	519
(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation .....	95
(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation .....	682
2. Remedy of defects during the year without service of formal notices:—	
Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers .....	687
No. of houses demolished during the year in Clearance Areas .....	None

#### NUMBER OF NEW HOUSES ERECTED DURING THE YEAR:—

(A) Total (including numbers given separately under (B)) .....	131
1. By the Local Authority .....	52
2. By other Local Authorities .....	Nil
3. By other bodies or persons .....	79
(B) With State Assistance under the Housing Acts :—	
1. By the Local Authority .....	52
2. By other bodies or persons .....	Nil

CLEARANCE AREAS.—During the year seven Areas comprising 67 houses have been represented by the Medical Officer of Health. The Clearance Order has been confirmed in the following Areas :—Old Street No. 1 (2 houses), Old Street No. 2

(6 houses), Old Street No. 3 (14 houses), Old Street No. 4 (10 houses), after a public enquiry held by the Minister of Health.

With reference to Waterfoot Areas No. 1, 2 and 3, an offer to improve and recondition these areas has been considered by the Committee.

The rehousing of certain Clearance Areas has been carried out, and in necessary cases all furniture and belongings have been disinfected with hydrogen cyanide gas prior to removal to the new houses provided.

INDIVIDUAL HOUSES AND PARTS OF BUILDINGS.—Following on representations by the Medical Officer of Health the owners of 35 cellar dwellings and basement tenements have been interviewed by the Council, with a view to closing same. One representation under Section 17 of the Housing Act has been made.

RE-HOUSING.—The 52 houses commenced last year have been finished and have been occupied by tenants from Clearance Areas.

## SECTION E.

### Inspection and Supervision of Foods.

#### INSPECTION OF FARMS.

Retail Producers of Milk .....	256
Wholesale Producers of Milk .....	9
Wholesale and Retail Producers of Milk .....	14
Stock Farms .....	82
Poultry Farms .....	30
Pig Farms .....	1
Grazing Farms .....	6
Farms connected with an Institution .....	1
Cream and Butter Farms .....	3
Farms, Empty, Unused or Dilapidated .....	18



TABLE SHOWING RESULTS OF BACTERIOLOGICAL  
EXAMINATIONS OF MILK.

Sample No.	Bacteria, per C.C. Colonies Growing at 37°c in 48 hrs.	Bacillus Coli in			Sediment, Parts per 100,000 parts.
		1 c.c.	1/10 c.c.	1/100 c.c.	
11,790	97,500	present	present	present	7
11,791	158,000	present	absent	absent	23
11,792	35,000	present	present	present	2
11,795	6,900	absent	absent	absent	11
11,834	957	present	present	absent	9
11,835	1,975,000	present	present	present	9
11,836	1,130	present	present	absent	4
11,837	8,300	present	present	present	7
12,325	12,625	present	present	absent	18
12,326	3,250	present	present	absent	7
12,327	16,030	present	absent	absent	14
12,328	6,150	absent	absent	absent	19
12,518	12,450	absent	absent	absent	12
12,519	4,500	absent	absent	absent	5
	230	absent	absent	absent	9
12,602	3,200	absent	absent	absent	23
12,603	8,450	absent	absent	absent	2
12,604	7,900,000	present	present	present	19
12,605	5,900	absent	absent	absent	16
64,748	Tubercle	Bacilli	not	found.	—
64,749	Tubercle	Bacilli	not	found.	—
64,750	Tubercle	Bacilli	not	found.	—
64,751	Tubercle	Bacilli	not	found.	—

With the exception of one sample, all were taken at the farms where produced. One sample was taken in the course of delivery.

## Meat.

Within the Borough there are twenty-five Licensed Slaughter-houses, but owing to the large area over which they are scattered it is difficult to keep them under proper supervision.

### DISEASED FOOD SURRENDERED.

Description.	Weight.
Tuberculous carcasses and parts .....	560 lbs.
Other diseased meat .....	170 lbs.
Unsound, or unwholesome meat .....	136 lbs.
Total.....	<hr/> 866 lbs. <hr/>

Twelve cattle were examined by the Veterinary Surgeon and no beasts were slaughtered under the Tuberculosis Order of 1925.

### **Brawn, Boiled Ham, Sausage, Roast Pork and other Prepared Foods.**

There are seven such premises within the Borough. These premises are visited regularly. In addition, the Butchers prepare sausage and brawn on their own premises.

### **Tripe Dressing Premises**

There are three tripe dressing premises in the Borough. These have been visited regularly and found to be well kept, the work being cleanly carried out.

### **Bakehouses.**

There are sixty-seven bakehouses in the Borough and they are regularly inspected.

### **Markets.**

There are two; at Rawtenstall on Thursday and Saturday, and at Waterfoot on Friday each week. The meat stalls are constructed to comply with the Public Health (Meat) Regulations, 1924.

## SECTION F.

### Prevalence of, and control over, Infectious and other Diseases.

TABLE SHOWING NO. OF CASES OF INFECTIOUS  
DISEASES NOTIFIED DURING EACH YEAR  
FROM 1926-1935.

DISEASE.	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935
Smallpox .....	...	...	35	1	1	...	1	...	...	...
Scarlet Fever .....	122	13	22	48	47	67	54	41	49	16
Diphtheria (including Membranous Croup)	23	19	11	18	43	38	31	19	5	15
Enteric Fever (including Paratyphoid)	1	4	1	3	2	...	...	...	...	...
Acute Primary Pneumonia )										
Acute Influenzal Pneumonia (	21	21	33	91	32	38	32	57	25	48
Puerperal Fever .....	2	...	...	4	3	1	4	...	3	1
Puerperal Pyrexia .....	2	1	1	...	3	2	2	...	3	2
Cerebro-Spinal Fever .....	...	...	...	1	1	...	...	...	2	2
Acute Poliomyelitis .....	2	1	...	...	...	...	...	5	...	...
Acute Polio-encephalitis .....	...	...	...	...	...	...	...	...	...	...
Encephalitis Lethargica .....	6	...	...	3	1	...	...	...	...	...
Dysentery .....	...	...	1	...	...	...	...	1	...	...
Ophthalmia Neonatorum .....	2	5	1	1	1	5	5	3	6	3
Erysipelas .....	20	20	21	21	15	18	7	21	25	15
Pulmonary Tuberculosis .....	16	22	26	30	15	17	29	22	19	19
Non-Pulmonary Tuberculosis	19	26	22	28	37	16	16	15	18	8
TOTALS .....	236	132	174	240	201	202	181	184	155	129

NOTIFIABLE DISEASES (other than Tuberculosis) DURING THE YEAR 1935.

DISEASE.	Total Cases at all Ages.	TOTAL CASES NOTIFIED.											Total Deaths	Hospital.		
		YEARS												Total Cases removed to Hospital	Deaths in Hospital of persons belonging to District	
		Under 1	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65				65 & over
Smallpox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever	16	...	...	3	...	2	6	2	2	1	...	...	...	...	4	...
Diphtheria, including Membranous Croup	15	...	...	...	...	4	5	3	2	...	1	...	...	2	10	2
Enteric Fever (including Paratyphoid)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Acute Primary Pneumonia	48	7	1	2	2	2	...	...	...	8	6	13	2	14	...	...
Acute Influenzal Pneumonia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Fever	1	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...
Puerperal Pyrexia	2	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...
Cerebro-Spinal Fever	2	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...
Acute Poliomyelitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Acute Polio-Encephalitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Encephalitis Lethargica	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dysentery	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ophthalmia Neonatorum	3	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas	15	...	...	...	...	...	...	...	...	...	1	8	5	...	1	1
Malaria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
{ Contracted in this Country..		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
{ Abroad .....		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTALS		102	11	2	5	2	8	16	5	6	9	10	21	7	16	3



TABLE SHOWING WARD DISTRIBUTION OF  
INFECTIOUS DISEASES NOTIFIED IN 1935.

DISEASES.	North Ward	West Ward	Central Ward North	Central Ward South	South East Ward	East Ward	Totals
Smallpox .....	...	...	...	...	...	...	...
Scarlet Fever .....	2	...	4	5	2	3	16
Diphtheria (including Membranous Croup)	...	...	3	6	1	5	15
Enteric Fever (including Paratyphoid)	...	...	...	...	...	...	...
Acute Primary Pneumonia } Acute Influenzal Pneumonia }	4	1	30	10	...	3	48
Puerperal Fever .....	...	...	1	...	...	...	1
Puerperal Pyrexia .....	...	...	2	...	...	...	2
Cerebro-Spinal Fever .....	...	...	2	...	...	...	2
Acute Poliomyelitis .....	...	...	...	...	...	...	...
Encephalitis Lethargica .....	...	...	...	...	...	...	...
Dysentery .....	...	...	...	...	...	...	...
Ophthalmia Neonatorum .....	1	...	...	1	1	...	3
Erysipelas .....	...	...	10	3	2	...	15
Pulmonary Tuberculosis .....	1	2	4	6	1	5	19
Non-Pulmonary Tuberculosis	...	...	...	3	5	...	8
TOTALS .....	8	3	56	35	12	16	120

During 1935 there has been no large epidemic of notifiable Infectious disease. The tables given show the number of cases notified during the last ten years, and the age and ward distribution of those notified this year. Each case notified is investigated by a Sanitary Officer as soon as possible after receipt of notification.

There were no cases of Smallpox, Enteric Fever, Dysentery, Acute Polio-encephalitis or Encephalitis Lethargica notified.

SCARLET FEVER.—There were 16 cases notified, compared with 49 cases last year. Clinically they were of a mild type. Four cases were removed to hospitals. The case rate was 0.57 per 1,000 of the population.

DIPHTHERIA.—There were 15 cases notified, compared with 5 cases last year. Ten cases were removed to Hospital. Two cases died. The case rate was 0.53 per 1,000 of the population. Facilities for Schick Testing and artificial immunisation against Diphtheria are available at the Child Welfare Centres.

ERYSIPELAS.—Fifteen cases were notified, compared with twenty-five cases last year. There was one death.

INFANTILE DIARRHOEA.—There was no death from Diarrhoeal Diseases of children under two years of age in 1935; one in 1934; none in 1933 or 1932; two in 1931; 3 in 1930; none in 1929; 1 in 1928; 2 in 1927; 2 in 1926; 3 in 1925; 3 in 1924.

### Hospital Accommodation.

INFECTIOUS DISEASES.—The Bury and District Joint Hospital Board admit cases of Scarlet Fever, Diphtheria, Enteric Fever, Malaria, and Dysentery to the Florence Nightingale Hospital, Bury, on the recommendation of the Medical Officer of Health, or the Sanitary Inspector acting in his absence. In the event of a case needing removal, the Health Department, Spring Garden Chambers, Rawtenstall, (Telephone No. Rossendale 124), should be communicated with; if the Office is closed, the Medical Officer of Health (Telephone No. Ross. 197), and if he is away, the Sanitar Inspector, 125, Haslingden Old Road, Rawtenstall (Telephone No. 124, extension). Unless this is done, much valuable time may be wasted and the case may be refused admission. The Borough of Rawtenstall is so extensive and the houses and streets so scattered, that it is necessary for someone to meet the ambulances from Bury, and guide the driver to the patient's house. The staff of the Health Department are accustomed to

making these arrangements, and much time is saved to the patient's advantage if this routine is followed.

The number of cases removed to the Florence Nightingale Hospital, Bury, each year since 1930 are as follows :—

Disease.	1931	1932	1933	1934	1935
Smallpox	-	-	-	-	-
Diphtheria	16	9	11	3	10
Enteric Fever	-	-	-	-	-
Scarlet Fever	6	2	7	4	4
Erysipelas	1	-	1	-	1
Dysentery	-	-	1	-	-
Cerebro-Spinal Fever	-	-	-	1	-
Totals	23	11	20	8	15

PUERPERAL FEVER.—The arrangements made with Monsall Hospital are the same as described in last year's report. One case was treated at Monsall Fever Hospital in 1935.

Mention of the appointment of a consultant for Puerperal Fever and Puerperal Pyrexia have been made earlier on in this report; his services were called upon for one case in 1935.

OPHTHALMIA NEONATORUM.—There has been no change in the arrangements with the Royal Eye Hospital, Manchester, for the treatment of cases of Ophthalmia Neonatorum, as described in last year's report. No cases were treated under this scheme in 1935.



## OPHTHALMIA NEONATORUM.

CASES			Vision Un- impaired	Impaired Vision	Total Blindness	Deaths
Number Notified	Treated					
	At Home	In Hosptl.				
3	3	—	3	—	—	—

SMALLPOX.—The Corporation owns an isolation hospital for Smallpox, situated at The Ridge, Hareholme, within the Borough, with accommodation for twenty-two patients and where there is an installation for disinfecting, clothing, bedding, etc., by means of high-pressure steam.

No cases were admitted in 1935.

DIPHTHERIA ANTITOXIN is available free for the use of practitioners as follows :—

Central Fire Station, Rawtenstall (day or night).

Public Health Dept., Spring Garden Chambers (by day only).

Sanitary Inspector's Residence, 125, Haslingden Old Road, Rawtenstall (day or night) (Tel. No. 124).

Police Station, Burnley Road, Waterfoot (day or night).

During the year 1935, 23 phials of Diphtheria Antitoxin of 8,000 units each were supplied to Medical Practitioners. Material for the active immunisation against Diphtheria is also supplied to General Practitioners on request; this was requested for one case.

TUBERCULOSIS.—The treatment of Tuberculosis is in the hands of the Lancashire County Council, and the Town is served by the County Tuberculosis Dispensary at Knott Hill House, Stacksteads, where one of the County Tuberculosis Officers attends every Monday from 12-30 p.m. to 2-30 p.m., and he arranges for the admission and removal of patients to and from suitable Sanatoria or Pulmonary Hospitals.



DISINFECTION FOR T.B.—During 1935, nine rooms and sixty-four articles were disinfected and twenty-three beds destroyed by the L.A.

No action has been taken under the Public Health (Prevention of Tuberculosis) Regulations 1925 or under Section 62 of the Public Health Act, 1925.

### TUBERCULOSIS.

New Cases and Mortality during 1935.

Age Periods.	NEW CASES.				DEATHS			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
Years.								
0-1	...	...	...	...	...	...	...	...
1-5	...	...	1	...	...	...	1	...
5-10	...	...	...	...	...	...	...	...
10-15	...	...	...	1	...	...	...	...
15-20	...	1	1	1	1	...	...	...
20-25	2	...	1	2	...	1	...	...
25-35	2	2	...	...	...	2	...	...
35-45	1	3	...	1	1	...	...	...
45-55	3	...	...	...	3	...	...	...
55-65	3	2	...	...	5	2	...	...
65 and upwards	...	...	...	...	...	...	1	...
TOTALS	11	8	3	5	10	5	2	...
	19		8		15		2	





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